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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)

Cheng Li and Mir A. Imran) Group Art Unit: 1615

Serial No.: 10/664,697) Examiner: _____

Filed: September 16, 2003)

For: MULTIPLE-ARM PEPTIDE COMPOUNDS,)
METHODS OF MANUFACTURE AND)
USE IN THERAPY)

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Howard M. Peters (Reg. No. 29,202)

TRANSMITTAL LETTER OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT

Sir:

The citations below, copies attached to the parent application, provide the background and may be material to the examination of the above-identified application and are, therefore,

submitted in compliance with the duty of disclosure in 37 C.F.R. 1.56, 1.97 and 1.98.

The Examiner is requested to make these citations of official record in this application.

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97 (b).

Applicants' undersigned attorney of record declares that this IDS is being submitted in accordance with 37 C.F.R. 1.56, 1.97 and 1.98.

This Information Disclosure Statement under 37 C.F.R. 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

If additional fees are required for filing these documents, the Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account No. 16-1331.

Respectfully submitted,



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TRANSMITTAL LETTER

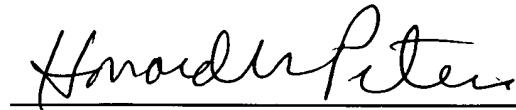
Sir:

Transmitted herewith are the following documents:

1. Transmittal Letter in Duplicate (2 pgs);
2. Transmittal Letter of Information Disclosure Statement (2 pgs);
3. Information Disclosure Statement by Applicant (2 pgs);
4. References; and
5. Postcard.

If additional fees are required for filing these documents, the Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account No. 16-1331.

Respectfully submitted,



Date: August 13, 2004

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Institute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of 2

<i>Complete If Known</i>	
Application Number	10/664,697
Filing Date	September 16, 2003
First Named Inventor	Cheng Li
Group Art Unit	1615
Examiner Name	Not Yet Assigned
Attorney Docket Number	4003.13

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date/ Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
AA	US- 4,318,905		03/09/1982	Nestor et al.	
AB	US- 5,354,736		10/11/1994	Bhatnagar	
AC	US- 5,580,563		12/03/1996	Tam	
AD	US- 5,635,482		06/03/1997	Bhatnagar	
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AI	US- 2002/0062145		05/23/2002	Rudakov et al.	
AJ	US- 2003/0113478		06/19/2003	Dang et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				T ²
	AK	AN, YUEHUEI H., et al., "Pre-clinical in vivo evaluation of orthopaedic bioabsorbable devices", Biomaterials, 21, (2000), pp. 2635-2652.				
	AL	BHATNAGAR, RAJENDRA S., et al., "The Role in Cell Binding of a β-bend within the Triple Helical Region in Collagen α1(I) Chain: Structural and Biological Evidence for Conformational Tautomerism on Fiber Surface", Journal of Biomolecular Structure & Dynamics, Vol. 14, No. 5 (1997), pp. 547-560.				
	AM	BHATNAGAR, RAJENDRA S., et al., "Construction of Biomimetic Environments with a Synthetic Peptide Analogue of Collagen.", Materials Research Society, Symposium Proceedings, Vol. 530, pp. 43-54.				
	AN	BHATNAGAR, RAJENDRA S., et al., "Design of Biomimetic Habitats for Tissue Engineering with P-15, a Synthetic Peptide Analogue of Collagen", Tissue Engineering, Vol. 5, No. 1 (1999), pp. 53-65.				
	AO	DAVIS, DANIEL HAL, et al., "Immobilization of RGD to <111> silicon surfaces for enhanced cell adhesion and proliferation", Biomaterials, 23 (2002), pp. 4019-4027.				

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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<i>Complete if Known</i>	
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Filing Date	September 16, 2003
First Named Inventor	Cheng Li
Group Art Unit	1615
Examiner Name	Not Yet Assigned
Attorney Docket Number	4003.13

	AP	DICKESON, S. K., et al., "Ligand recognition by the I domain-containing integrins", <i>Cell. Mol. Life Sci.</i> , 54 (1998), pp. 556-566.	
	AQ	GUMPENBERGER, T., et al., "Adhesion and proliferation of human endothelial cells on photo-chemically modified polytetrafluoroethylene", <i>Biomaterials</i> ,	
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	AS	JANSSEN, M.I., et al., "Coating with genetic engineering hydrophobin promotes growth of fibroblasts on a hydrophobic solid", <i>Biomaterials</i> , 23 (2002), pp. 4847-4854.	
	AT	KOO, LILY Y., et al., "Co-regulation of cell adhesion by nanoscale RGD organization and mechanical stimulus", <i>Journal of Cell Science</i> , 115 (2002), pp. 1423-1433.	
	AU	MIDDLETON, JOHN C., et al., "Synthetic biodegradable polymers as orthopedic devices", <i>Biomaterials</i> , 21 (2000), pp. 2335-2346.	
	AV	PAKALNS, TEIKA, et al., "Cellular recognition of synthetic peptide amphiphiles in self-assembled monolayer films", <i>Biomaterials</i> , 20 (1999), pp. 2265-2279.	
	AW	QIAN, JING JING, et al., "Enhanced cell attachment to anorganic bone mineral in the presence of a synthetic peptide related to collagen", <i>Journal of Biomedical Materials Research</i> , Vol. 31 (1996), pp. 545-554.	
	AX	SHIN, HEUNGSOO, et al., "Biomimetic materials for tissue engineering", <i>Biomaterials</i> , 24 (2003), pp. 4353-4364.	
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	AZ	TAM, JAMES P., et al., "Synthesis and Applications of Branched Peptides in Immunological Methods and Vaccines", <i>Peptides: Synthesis, Structures, and Applications</i> , B. Gutte (ed), Academic Press (1995), pp. 455-500.	
	BA	WONG, JOYCE Y., et al., "Identification and validation of a novel cell-recognition site (KNEED) on the 8 th type III domain of fibronectin", <i>Biomaterials</i> , 23 (2002), pp. 3865-3870.	

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